Title (en)
Correlation device

Title (de)
Korrelationsvorrichtung

Title (fr)
Dispositif de correlation

Publication
EP 0492702 B1 19981209 (FR)

Application
EP 91203285 A 19911213

Priority
FR 9016104 A 19901221

Abstract (en)
[origin: JPH04294469A] PURPOSE: To select an architecture for improving the calculating speed or an architecture for reducing the hardware bulk for a correlator, and to reduce data flow to be transmitted for a picture(television, videophone) or voice processing. CONSTITUTION: This is a correlating device in which correlation between the present block of a first picture and the symbol block of a second picture is decided, and a moving vector is decided. The limited number of reference symbols are selected from a block to be processed by the correlating device by selecting means 26 and 27. This selection is executed by random selection or as the function of the data content of the block. A correlator 25 executes correlation calculation successively for the block for the whole present blocks, and a deciding unit 28 decides a moving vector.

IPC 1-7
G06T 7/20

IPC 8 full level
H04N 7/32 (2006.01); **G06T 7/00** (2006.01); **G06T 7/20** (2006.01); **H04N 7/26** (2006.01)

CPC (source: EP US)
G06T 7/223 (2016.12 - EP US); **H04N 19/51** (2014.11 - EP US); G06T 2207/10016 (2013.01 - EP US)

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0492702 A1 19920701; **EP 0492702 B1 19981209**; DE 69130602 D1 19990121; DE 69130602 T2 19990624; FR 2670923 A1 19920626; JP 3036937 B2 20000424; JP H04294469 A 19921019; US 5247586 A 19930921

DOCDB simple family (application)
EP 91203285 A 19911213; DE 69130602 T 19911213; FR 9016104 A 19901221; JP 33884591 A 19911220; US 80602391 A 19911212